

In the Claims:

Claim 1 (currently amended) ~~Display~~ A display device ~~consisting of~~
~~comprising~~ individual elements (11) ~~characterized by~~ wherein the placement, on each
element, of an electronic microcircuit (12) capable of recognizing its address among
those of other microcircuits connected in parallel to the common addressing electrodes,
recording the brightness data sent to its address and modulating the brightness of its
display element according to the data received.

Claim 2 (currently amended) ~~Device~~ The device ~~according to~~ of claim 1,
~~characterized in that~~ wherein it includes one display element and one microcircuit per
elementary color point of the image.

Claim 3 (currently amended) ~~Device~~ The device ~~according to~~ of claim 1,
~~characterized in that~~ wherein each microcircuit manages several color points or
elementary points adjacent to the image on one or more addresses.

Claim 4 (currently amended) ~~Device~~ The device ~~according to any one of~~
~~the preceding claims~~ claim 1, ~~characterized in that~~ wherein the individual addresses are
engraved on a microcircuit during its manufacture and remain visible for optical reading
of this said address during assembly of the display screen.

Claim 5 (currently amended) ~~Device~~ The device ~~according to any one of~~
~~the preceding claims claim 1, characterized in that~~ wherein the individual addresses are
written electrically in a non-volatile memory area of the microcircuit during assembly of
the display screen.

Claim 6 (currently amended) ~~Device~~ The device ~~according to any one of~~
~~the preceding claims claim 1, characterized in that~~ wherein the display screen is divided
into several addressing areas controlled independently and simultaneously so as to reduce
the frequency of the addressing signals.

Claim 7 (currently amended) ~~Device~~ The device ~~according to any one of~~
~~the preceding claims claim 1, characterized in that~~ wherein each microcircuit can record,
in addition to its individual address and in a preset order, the addresses of one or more
display elements, adjacent or otherwise, and is capable, if it detects the transmission of
one of said recorded addresses, of counting the number of brightness data sent in series
and without a new address, and loading after this counting the data which is addressed to
it.

Claim 8 (currently amended) ~~Device~~ The device ~~according to any one of~~
~~the preceding claims claim 1, characterized in that~~ wherein the microcircuit has means
enabling it to detect that the user has touched or pressed the screen close to the
corresponding display element and means to send this information back, with its
individual address, to the common addressing and power supply electrodes.

Claim 9 (currently amended) ~~Device~~ The device ~~according to any one of~~
~~the preceding claims claim 1, characterized in that~~ wherein the microcircuit has means
enabling it to correct the modulation of its display element according to a local
measurement, for example of the current, or a correction coefficient sent by the
addressing system.

Claim 10 (currently amended) ~~Device~~ The device ~~according to any~~
~~one of the preceding claims claim 1, characterized in that~~ wherein the microcircuit has
means enabling it to recognize certain preset global addresses and then to place itself in a
preset test mode.